

# Multiplication

and

# Division

2s, 5s, and 10s

# Multiplication Word Problems

**×2, ×5 and ×10**

Tom buys **three cinema tickets** costing **five pounds each**.  
How much does he spend?

Let's look at how you would work this out.



**You could add...**

Each ticket is £5 so you would add 5 for each cinema ticket.

$$5 \times 3 = 15$$

**You can read this as '5 three times'.**

If you are repeating the same number in an addition number sentence, this is a multiplication.

$$5 + 5 + 5 = 15$$

# Multiplication Word Problems

**×2, ×5 and ×10**

Sam has **four plant pots**.  
She wants to plant **two beans in each pot**.  
How many beans must she buy?



**Let's look at how you would work this out.**

**You could add...**

Sam wants to plant 2 beans in each pot.

$$2 \times 4 = 8$$

**You can read this as '2 four times'.**

If you are repeating the same number in an addition number sentence, this is a multiplication.

$$2 + 2 + 2 + 2 = 8$$



# Multiplication Word Problems

**Five judges** each give Mark a **score of ten**.  
How much did he score altogether?

**$\times 2$ ,  $\times 5$  and  $\times 10$**

**Can you show this as an addition number sentence?**

**Check your answer**

$$10 + 10 + 10 + 10 + 10 = 50$$

**Can you show this as a multiplication number sentence?**

**Check your answer**

$$10 \times 5 = 50$$

**You can read this as '10 five times'.**



# Multiplication Word Problems

**$\times 2$ ,  $\times 5$  and  $\times 10$**

There are **six sunflowers** in the garden. Each sunflower has **five petals**. How many petals do the sunflowers have altogether?

**Can you show this as an addition number sentence?**

**Check your answer**

$$5 + 5 + 5 + 5 + 5 + 5 = 30$$

**Can you show this as a multiplication number sentence?**

**Check your answer**

$$5 \times 6 = 30$$



# Multiplication Word Problems

A large taxi can carry **ten people** to the party. If **three taxis** arrive at the same time. How many people arrive at the party?

**$\times 2$ ,  $\times 5$  and  $\times 10$**

**Can you show this as an addition number sentence?**

**Check your answer**

$$10 + 10 + 10 = 30$$

**Can you show this as a multiplication number sentence?**

**Check your answer**

$$10 \times 3 = 30$$



# Division Word Problems

÷2, ÷5 and ÷10

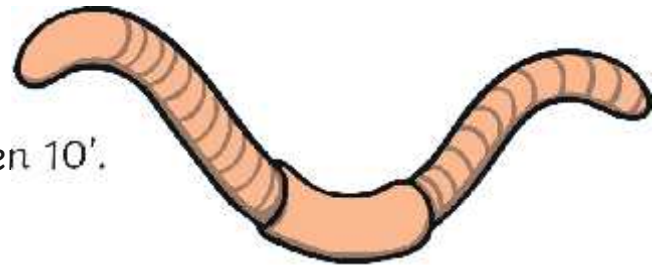
Bella has **ten wormeries** and **thirty worms** to share equally between them. How many worms go in each wormery?

Let's look at how you would work this out.

If you are sharing an amount equally this is division.

$$30 \div 10 = 3$$

You can read this as '30 shared equally between 10'.





# Division Word Problems

÷2, ÷5 and ÷10

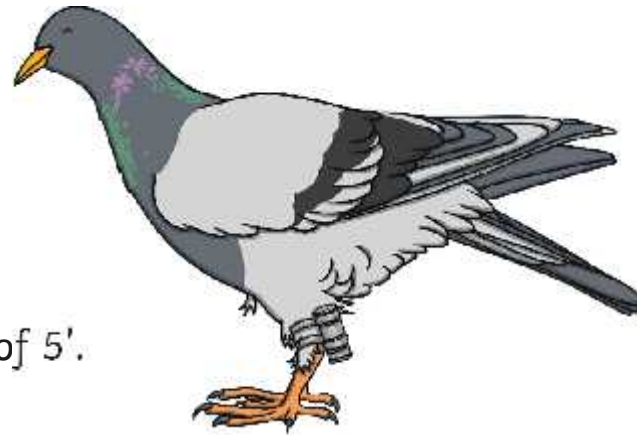
Bob has **thirty five pigeons** in his collection. He can house **five pigeons in each cage**. How many cages does he need to house all the pigeons?

Let's look at how you would work this out.

If you are grouping an amount into equal groups this is division.

$$35 \div 5 = 7$$

You can read this as '35 divided into groups of 5'.





# Division Word Problems

÷2, ÷5 and ÷10

A sweet-making machine puts **ten lollies in each bag**.  
If the machine makes **ninety lollies in total**. How many bags can it fill ?

Can you show this as a division number sentence?

Check your answer

$$90 \div 10 = 9$$



# Division Word Problems

÷2, ÷5 and ÷10

Joe has **twelve small chocolate bars** and wants to share them between **himself and his little brother**.

How many chocolate bars do they each get?

Can you show this as a division number sentence?

Check your answer

$$12 \div 2 = 6$$



# Division Word Problems

÷2, ÷5 and ÷10

Mel counts **40 small dog biscuits** left over in her bag. She wants to share them between her **5 dogs**.

How many dog biscuits does each dog get?

Can you show this as a division number sentence?

Check your answer

$$40 \div 5 = 8$$





